

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
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6475611S	0
"6475611".USPT,PGPB,JPAB,EPAB.	1
(6475611).USPT,PGPB,JPAB,EPAB.	1

Database: US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L8

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**DATE: Tuesday, April 15, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<u>L8</u>	6475611	1	<u>L8</u>
<u>L7</u>	5589262	8	<u>L7</u>
<u>L6</u>	5922456	8	<u>L6</u>
<u>L5</u>	6248416	6	<u>L5</u>
<u>L4</u>	5576085	7	<u>L4</u>
<u>L3</u>	20020055020	1	<u>L3</u>
<u>L2</u>	20010019786	1	<u>L2</u>
<u>L1</u>	(2001/0019786)	0	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 6475611 B1

L8: Entry 1 of 1

File: USPT

Nov 5, 2002

US-PAT-NO: 6475611

DOCUMENT-IDENTIFIER: US 6475611 B1

TITLE: Si-containing seedlayer design for multilayer media

Full	Title	CIT.1	REV.1	CLS.1	REF.1	SEQ.1	ATT.1
CAW.1							

[Generate Collection](#)[Print](#)

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(6475611).USPT,PGPB,JPAB,EPAB.	1

**Display Format:**

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[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 8 of 8 returned.**☐ 1. Document ID: US 6524730 B1

L7: Entry 1 of 8

File: USPT

Feb 25, 2003

US-PAT-NO: 6524730

DOCUMENT-IDENTIFIER: US 6524730 B1

TITLE: NiFe-containing soft magnetic layer design for multilayer media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6495252 B1

L7: Entry 2 of 8

File: USPT

Dec 17, 2002

US-PAT-NO: 6495252

DOCUMENT-IDENTIFIER: US 6495252 B1

TITLE: Magnetic recording medium with superparamagnetic underlayer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 6270885 B1

L7: Entry 3 of 8

File: USPT

Aug 7, 2001

US-PAT-NO: 6270885

DOCUMENT-IDENTIFIER: US 6270885 B1

TITLE: Perpendicular magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 4. Document ID: US 6221218 B1

L7: Entry 4 of 8

File: USPT

Apr 24, 2001

US-PAT-NO: 6221218

DOCUMENT-IDENTIFIER: US 6221218 B1

TITLE: Method of forming an inductive write head for magnetic data storage media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC
Draw Desc	Image										

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☐ 5. Document ID: US 6204995 B1

L7: Entry 5 of 8

File: USPT

Mar 20, 2001

US-PAT-NO: 6204995

DOCUMENT-IDENTIFIER: US 6204995 B1

TITLE: Magnetic disc apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

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☐ 6. Document ID: US 6190764 B1

L7: Entry 6 of 8

File: USPT

Feb 20, 2001

US-PAT-NO: 6190764

DOCUMENT-IDENTIFIER: US 6190764 B1

TITLE: Inductive write head for magnetic data storage media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

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☐ 7. Document ID: US 5863631 A

L7: Entry 7 of 8

File: USPT

Jan 26, 1999

US-PAT-NO: 5863631

DOCUMENT-IDENTIFIER: US 5863631 A

TITLE: Perpendicular magnetic recording medium and magnetic recording device using the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

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☐ 8. Document ID: US 5589262 A

L7: Entry 8 of 8

File: USPT

Dec 31, 1996

US-PAT-NO: 5589262

DOCUMENT-IDENTIFIER: US 5589262 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Perpendicular magnetic recording medium having a soft magnetic underlayer with a stripe magnetic domain structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

Generate Collection

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 8 of 8 returned.**☐ 1. Document ID: US 6541125 B2

L6: Entry 1 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541125

DOCUMENT-IDENTIFIER: US 6541125 B2

TITLE: Magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KVMC](#)☐ 2. Document ID: US 6541104 B2

L6: Entry 2 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541104

DOCUMENT-IDENTIFIER: US 6541104 B2

TITLE: Magnetic recording medium and a magnetic recording device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KVMC](#)☐ 3. Document ID: US 6221481 B1

L6: Entry 3 of 8

File: USPT

Apr 24, 2001

US-PAT-NO: 6221481

DOCUMENT-IDENTIFIER: US 6221481 B1

TITLE: High Cr, low saturation magnetization intermediate magnetic layer for high coercivity and low medium noise

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KVMC](#)☐ 4. Document ID: US 6210819 B1

L6: Entry 4 of 8

File: USPT

Apr 3, 2001

US-PAT-NO: 6210819

DOCUMENT-IDENTIFIER: US 6210819 B1

TITLE: Magnetic recording media having a CrTi underlayer deposited under a substrate bias

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

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☐ 5. Document ID: US 6207269 B1

L6: Entry 5 of 8

File: USPT

Mar 27, 2001

US-PAT-NO: 6207269

DOCUMENT-IDENTIFIER: US 6207269 B1

TITLE: High substrate bias sputtering underlayer for longitudinal recording media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

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☐ 6. Document ID: US 6150016 A

L6: Entry 6 of 8

File: USPT

Nov 21, 2000

US-PAT-NO: 6150016

DOCUMENT-IDENTIFIER: US 6150016 A

TITLE: High coercivity magnetic recording medium comprising a thin CoCrTa intermediate layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

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☐ 7. Document ID: US 6020060 A

L6: Entry 7 of 8

File: USPT

Feb 1, 2000

US-PAT-NO: 6020060

DOCUMENT-IDENTIFIER: US 6020060 A

TITLE: Magnetic recording medium, process for producing the same and magnetic disk device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

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☐ 8. Document ID: US 5922456 A

L6: Entry 8 of 8

File: USPT

Jul 13, 1999

US-PAT-NO: 5922456DOCUMENT-IDENTIFIER: US 5922456 A

TITLE: Longitudinal magnetic recording medium having a multi-layered underlayer and



magnetic storage apparatus using such magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 8 of 8 returned.**☐ 1. Document ID: US 6541125 B2

L6: Entry 1 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541125

DOCUMENT-IDENTIFIER: US 6541125 B2

TITLE: Magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KMIC](#)☐ 2. Document ID: US 6541104 B2

L6: Entry 2 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541104

DOCUMENT-IDENTIFIER: US 6541104 B2

TITLE: Magnetic recording medium and a magnetic recording device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KMIC](#)☐ 3. Document ID: US 6221481 B1

L6: Entry 3 of 8

File: USPT

Apr 24, 2001

US-PAT-NO: 6221481

DOCUMENT-IDENTIFIER: US 6221481 B1

TITLE: High Cr, low saturation magnetization intermediate magnetic layer for high coercivity and low medium noise

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KMIC](#)☐ 4. Document ID: US 6210819 B1

L6: Entry 4 of 8

File: USPT

Apr 3, 2001

US-PAT-NO: 6210819

DOCUMENT-IDENTIFIER: US 6210819 B1

TITLE: Magnetic recording media having a CrTi underlayer deposited under a substrate bias

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 5. Document ID: US 6207269 B1

L6: Entry 5 of 8

File: USPT

Mar 27, 2001

US-PAT-NO: 6207269

DOCUMENT-IDENTIFIER: US 6207269 B1

TITLE: High substrate bias sputtering underlayer for longitudinal recording media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 6. Document ID: US 6150016 A

L6: Entry 6 of 8

File: USPT

Nov 21, 2000

US-PAT-NO: 6150016

DOCUMENT-IDENTIFIER: US 6150016 A

TITLE: High coercivity magnetic recording medium comprising a thin CoCrTa intermediate layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 7. Document ID: US 6020060 A

L6: Entry 7 of 8

File: USPT

Feb 1, 2000

US-PAT-NO: 6020060

DOCUMENT-IDENTIFIER: US 6020060 A

TITLE: Magnetic recording medium, process for producing the same and magnetic disk device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

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☐ 8. Document ID: US 5922456 A

L6: Entry 8 of 8

File: USPT

Jul 13, 1999

US-PAT-NO: 5922456

DOCUMENT-IDENTIFIER: US 5922456 A

TITLE: Longitudal magnetic recording medium having a multi-layered underlayer and

magnetic storage apparatus using such magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 6 of 6 returned.**☐ 1. Document ID: US 6541104 B2

L5: Entry 1 of 6

File: USPT

Apr 1, 2003

US-PAT-NO: 6541104

DOCUMENT-IDENTIFIER: US 6541104 B2

TITLE: Magnetic recording medium and a magnetic recording device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)☐ 2. Document ID: US 6537638 B2

L5: Entry 2 of 6

File: USPT

Mar 25, 2003

US-PAT-NO: 6537638

DOCUMENT-IDENTIFIER: US 6537638 B2

TITLE: Magnetic recording disk with perpendicular magnetic recording layer and multilayered underlayer structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)☐ 3. Document ID: US 6511761 B1

L5: Entry 3 of 6

File: USPT

Jan 28, 2003

US-PAT-NO: 6511761

DOCUMENT-IDENTIFIER: US 6511761 B1

TITLE: Magnetic recording media and magnetic storage apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KVMC](#)☐ 4. Document ID: US 6428906 B1

L5: Entry 4 of 6

File: USPT

Aug 6, 2002

US-PAT-NO: 6428906

DOCUMENT-IDENTIFIER: US 6428906 B1

TITLE: Magnetic recording media having a layered structure for perpendicular magnetization of a recording layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 5. Document ID: US 6423431 B1

L5: Entry 5 of 6

File: USPT

Jul 23, 2002

US-PAT-NO: 6423431

DOCUMENT-IDENTIFIER: US 6423431 B1

TITLE: Magnetic recording media having improved magnetic and parametric performance with chromium alloy underlayer having added aluminum

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

☐ 6. Document ID: US 6248416 B1

L5: Entry 6 of 6

File: USPT

Jun 19, 2001

US-PAT-NO: 6248416

DOCUMENT-IDENTIFIER: US 6248416 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Highly oriented magnetic thin films, recording media, transducers, devices made therefrom and methods of making

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMIC

[Generate Collection](#)[Print](#)

Term	Documents
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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 7 of 7 returned.**☐ 1. Document ID: US 6524730 B1

L4: Entry 1 of 7

File: USPT

Feb 25, 2003

US-PAT-NO: 6524730

DOCUMENT-IDENTIFIER: US 6524730 B1

TITLE: NiFe-containing soft magnetic layer design for multilayer media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KMIC](#)☐ 2. Document ID: US 6106445 A

L4: Entry 2 of 7

File: USPT

Aug 22, 2000

US-PAT-NO: 6106445

DOCUMENT-IDENTIFIER: US 6106445 A

TITLE: Ergonomic, passive exercise chair with passive exercise headrest

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KMIC](#)☐ 3. Document ID: US 6077603 A

L4: Entry 3 of 7

File: USPT

Jun 20, 2000

US-PAT-NO: 6077603

DOCUMENT-IDENTIFIER: US 6077603 A

TITLE: Seeded underlayer in magnetic thin films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KMIC](#)☐ 4. Document ID: US 6001446 A

L4: Entry 4 of 7

File: USPT

Dec 14, 1999

US-PAT-NO: 6001446

DOCUMENT-IDENTIFIER: US 6001446 A

TITLE: Magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 5. Document ID: US 5861220 A

L4: Entry 5 of 7

File: USPT

Jan 19, 1999

US-PAT-NO: 5861220

DOCUMENT-IDENTIFIER: US 5861220 A

TITLE: Method and apparatus for providing a magnetic storage and reproducing media with a keeper layer having a longitudinal anisotropy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 6. Document ID: US 5858566 A

L4: Entry 6 of 7

File: USPT

Jan 12, 1999

US-PAT-NO: 5858566

DOCUMENT-IDENTIFIER: US 5858566 A

TITLE: Seeded underlayer in magnetic thin films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 7. Document ID: US 5576085 A

L4: Entry 7 of 7

File: USPT

Nov 19, 1996

US-PAT-NO: 5576085

DOCUMENT-IDENTIFIER: US 5576085 A

TITLE: Thin-film recording medium with soft magnetic layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC

Generate Collection

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 7 of 7 returned.**☐ 1. Document ID: US 6524730 B1

L4: Entry 1 of 7

File: USPT

Feb 25, 2003

US-PAT-NO: 6524730

DOCUMENT-IDENTIFIER: US 6524730 B1

TITLE: NiFe-containing soft magnetic layer design for multilayer media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KIMC](#)☐ 2. Document ID: US 6106445 A

L4: Entry 2 of 7

File: USPT

Aug 22, 2000

US-PAT-NO: 6106445

DOCUMENT-IDENTIFIER: US 6106445 A

TITLE: Ergonomic, passive exercise chair with passive exercise headrest

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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[KIMC](#)☐ 3. Document ID: US 6077603 A

L4: Entry 3 of 7

File: USPT

Jun 20, 2000

US-PAT-NO: 6077603

DOCUMENT-IDENTIFIER: US 6077603 A

TITLE: Seeded underlayer in magnetic thin films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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[KIMC](#)☐ 4. Document ID: US 6001446 A

L4: Entry 4 of 7

File: USPT

Dec 14, 1999

US-PAT-NO: 6001446

DOCUMENT-IDENTIFIER: US 6001446 A

TITLE: Magnetic recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 5. Document ID: US 5861220 A

L4: Entry 5 of 7

File: USPT

Jan 19, 1999

US-PAT-NO: 5861220

DOCUMENT-IDENTIFIER: US 5861220 A

TITLE: Method and apparatus for providing a magnetic storage and reproducing media with a keeper layer having a longitudinal anisotropy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 6. Document ID: US 5858566 A

L4: Entry 6 of 7

File: USPT

Jan 12, 1999

US-PAT-NO: 5858566

DOCUMENT-IDENTIFIER: US 5858566 A

TITLE: Seeded underlayer in magnetic thin films

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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☐ 7. Document ID: US 5576085 A

L4: Entry 7 of 7

File: USPT

Nov 19, 1996

US-PAT-NO: 5576085

DOCUMENT-IDENTIFIER: US 5576085 A

TITLE: Thin-film recording medium with soft magnetic layer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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L3: Entry 1 of 1

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055020

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020055020 A1

TITLE: Magnetic recording medium and magnetic recording apparatus using the same

PUBLICATION-DATE: May 9, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Futamoto, Masaaki	Kanagawa-ken		JP	
Inaba, Nobuyuki	Hasuda-shi		JP	
Hirayama, Yoshiyuki	Kodaira-shi		JP	
Honda, Yukio	Fuchu-shi		JP	
Yoshida, Kazuetsu	Hidaka-shi		JP	
Ito, Kenya	Hachioji-shi		JP	

US-CL-CURRENT: 428/694TS

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 20010019786 A1

L2: Entry 1 of 1

File: PGPB

Sep 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010019786

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010019786 A1

TITLE: Magnetic recording medium and magnetic recording apparatus

PUBLICATION-DATE: September 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ikeda, Hiroyuki	Kanagawa		JP	

US-CL-CURRENT: 428/694TM

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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L Number	Hits	Search Text	DB	Time stamp
1	15228	(428/64.\$ or 428/65.\$ or 428/611 or 428/336 or 428/693 or 428/694\$ or 428/900).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/15 12:33
2	6588	(428/64.\$ or 428/65.\$ or 427/131 or 204/192.15 or 204/192.2 or 360/313 or 360/267\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/15 12:35
3	4495	(427/131 or 204/192.15 or 204/192.2 or 360/313 or 360/267\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/15 12:35

L Number	Hits	Search Text	DB	Time stamp
-	273289	(360/\$ or 428/\$).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:11
-	82456	((360/\$ or 428/\$).CCLS.) and magnetic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:11
-	54370	((((360/\$ or 428/\$).CCLS.) and magnetic) and recording)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:11
-	297	(((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:13
-	184	(((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:14
-	89	((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:15
-	72	((((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity) and (perpendicular same coercivity)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:19
-	54	(((((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity) and (perpendicular same coercivity)) and (coercivity same thick\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:32
-	39	((((((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity) and (perpendicular same coercivity)) and (coercivity same thick\$)) and soft	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:33
-	36	(((((((((((((360/\$ or 428/\$).CCLS.) and magnetic) and recording) and (underlayer same perpendicular)) and "perpendicular magnetic") and coercivity) and (perpendicular same coercivity)) and (coercivity same thick\$)) and soft) and "soft magnetic"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 16:33